

**Abstract of the Disclosure**

A cooling system is provided for high energy emitting devices such as employed in X-ray diffraction testing equipment. The cooling system includes a removable filter holder that carries a filter for being disposed in a cooling path formed in the X-ray head assembly with the holder including a detachable connection to the head. The removable holder allows for servicing of the filter without requiring significant disassembly operations on the X-ray head assembly. In the preferred form, the holder has a screw-type configuration and the detachable connection is a threaded connection to a cooling head portion of the X-ray head assembly.